

FOND DU LAC COUNTY HEALTH DEPARTMENT

ANNUAL REPORT



Public Health
Prevent. Promote. Protect.

**Fond du Lac County
Health Department**

SERVING OUR COMMUNITY SINCE 1966

2018

160 SOUTH MACY STREET
3RD FLOOR
FOND DU LAC, WI 54935
www.fdlco.wi.gov

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BOARD OF HEALTH, MEDICAL ADVISOR, MANAGEMENT TEAM

Board of Health Members

- Sherry Behnke, Board of Health Chair
- Marty Ryan, County Board Supervisor
- Dennis Stenz, County Board Supervisor
- Dr. Heather Schmidt, DO
- Kayla Erickson, RN
- Marian Sheridan, RN
- Louise Gudex
- Tom Dornbrook

Medical Advisor

- Dr. Heather Schmidt, DO

Health Department Management Team

- Health Officer.....Kimberly Mueller
- Public Health Nurse Supervisor.....Joyce Mann
- Inspection Program/Lab DirectorDanielle Vollendorf
- Jail Health SupervisorMichelle Robbins
- Maternal Child Health CoordinatorLaura Berndt
- Oral Health CoordinatorSamantha Twohig
- Tobacco Control CoordinatorSandy Bernier
- Women, Infants, Children (WIC) DirectorKara Kerrigan
- Support Staff Supervisor.....Jenna Wacek

HEALTH DEPARTMENT STAFF

Years of Service

Kimberly Mueller	Health Officer/Director	10
PUBLIC HEALTH NURSING		
Joyce Mann	Public Health Nurse Supervisor	18
Tom Olig	Public Health Nurse	24
Jean Weston	Public Health Nurse	22
Megan Herdrich	Public Health Nurse	1
Michelle Robbins	Public Health Nurse/Jail Health Nurse	6
Darlene Hanke	Public Health Nurse (part-time)	35
Kathy Pauly	Public Health Nurse (part-time)	33
Ann McNamara	Public Health Nurse (part-time)	26
Nancy Hovland	Public Health Nurse (seasonal)	45
Diane Cappozzo	Public Health Nurse (seasonal)	43
Mary Montag	Public Health Nurse (seasonal)	38
INSPECTION PROGRAM		
Danielle Vollendorf	Registered Sanitarian	4
Mayra Castaneda		<1
Lindsay Neitzel		<1
EMERGENCY PREPAREDNESS		
Grace Dobbs	Public Health Specialist	<1
TOBACCO CONTROL PROGRAM		
Sandy Bernier	Tobacco Control Coordinator	21
Nora Uttech	Assistant Tobacco Control Coordinator	3
DENTAL PROGRAM		
Samantha Twohig	Oral Health Coordinator	11
Stephanie Hopf	Registered Dental Hygienist	5
Mayra Castaneda	Dental Assistant & Interpreter	4
MATERNAL CHILD HEALTH (MCH) PROGRAM		
Laura Berndt	MCH Coordinator	4
Chantelle Cha	Public Health Nurse	9
Amanda Cassidy	Public Health Nurse	5
Jeannie Heller	Public Health Nurse (part-time)	19
Bonnie Holmes	In-home Parent Educator (part-time)	22
Bertha Granado	Interpreter	23
Krystal Sisel	Public Health Nurse	<1

HEALTH DEPARTMENT STAFF CONT.

Years of Service

JAIL HEALTH

Michelle Robbins	Jail Health Nurse Supervisor	5
Brittney Ziegelbauer	Licensed Practical Nurse	5
Jane Medina	Licensed Practical Nurse	2
Barb Braun	Registered Nurse (part-time)	11
Catherine Wirkus	Registered Nurse (part-time)	4
Sue McManus	Jail Tech	33
Julie Schmidt	Jail/Vision & Hearing Tech (part-time)	29
Maggie Kohlmann	Licensed Practical Nurse	2
Marie Brenner	Registered Nurse	<1

WOMEN, INFANTS, & CHILDREN (WIC) PROGRAM

Kara Kerrigan	WIC Director/Registered Dietitian	4
Marla Hemauer	Registered Dietitian/Breastfeeding Coordinator	3
Sarah Depies	Nutritionist	10
Kimberly Schnabel	Nutritionist (part-time)	2
Marisela Krupp	Breastfeeding Peer Counselor	2
Liliana Janoska	Health Screener/Secretary (part-time)	5

SUPPORT STAFF

Jenna Wacek	Administrative Supervisor	4
Dani Page	Accounting Assistant	2
Nicole Fortney	Program Assistant II	2
Patty Mohr	Program Assistant II	<1

HEALTH PROMOTION

Sarah Faust	Health Educator	2
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Public Health
Prevent. Promote. Protect.

**Fond du Lac County
Health Department**

10 Essential Services of Public Health

MESSAGE FROM THE HEALTH OFFICER

I am honored to present Fond du Lac County Health Department's 2018 Annual Report. This report reflects all the different services the public health agency engages in to carry out the 10 essential services of public health. Our Health Department strives to fulfill the essential services as well as our NEWLY revamped mission: Fond du Lac County Health Department improves lives by preventing disease, protecting the community, and promoting healthy living for all.

The Fond du Lac County Health Department is continuing to push forward with accreditation efforts with our ultimate goal of becoming a fully accredited health department in 2021. Accreditation looks at leadership, strategic planning, community engagement, customer focus, workforce development and evaluation and quality improvement. Looking into the near future, we will need to commit staff and financial resources to successfully accomplish our goal of becoming a nationally recognized accredited health department.

Through the continued support of our community partners, we have been working on new and different ways of approaching problems and strategies to improve the way we help our public's health. Appreciation is extended to our community, schools and allied agencies that collaborate with us to improve the health of the people of Fond du Lac County. This appreciation is also extended to the Board of Health and County Board of Supervisors.

Sincerely,



Kimberly Mueller RN, MSN
Health Officer
Fond du Lac County



Monitor health status and understand health issues facing the community.

Protect people from health problems and health hazards.

Give people information they need to make healthy choices.

Engage the community to identify and solve health problems.

Develop public health policies and plans.

Enforce public health laws and regulations.

Help people receive health services.

Maintain a competent public health workforce.

Evaluate and improve programs and interventions.

Contribute to and apply the evidence base of public health.

MISSION & VISION STATEMENT

Mission

Fond du Lac County Health Department (FCHD) improves lives by preventing disease, protecting the community, and promoting healthy living for all.

Vision

Prevent. Protect. Promote.



Our Values

Compassion - FCHD is committed to the dignity and respect for all.

Equity & Inclusion - FCHD embraces differences and respects all individual's opinions, beliefs and cultures. We work to ensure everyone has access to opportunities that enable them to lead healthy lives.

Collaboration - FCHD partners with community members and agencies to achieve shared goals that enhance the health and well-being for all.

Competency - FCHD demonstrates public health best practices ensuring employees utilize skills, abilities, and personal attributes to enhance performance.

COMMUNITY HEALTH IMPROVEMENT PLAN

After the completion of the 2018 Community Health Assessment (CHA), the community health priorities were introduced to the public at community event in June 2018. In response the CHA, the 2018-2021 Community Health Improvement Plan (CHIP) was developed in partnership with numerous agencies and coalitions to address the priority health areas identified.

Community Health Priorities

Nutrition and Physical Activity

Alcohol and Other Drug Abuse

Mental Health

Overarching Health Priorities

Social Determinants of Health

Trauma-Informed Care



Healthy Fond du Lac County 2020

Our mission is to assess, identify, address, and monitor priority health needs through community collaboration.

Our vision is a community where all Fond du Lac area children and adults can reach their highest potential for health.

COMMUNITY HEALTH IMPROVEMENT PLAN

Community Health Priorities

Nutrition and Physical Activity

Goal: Increase the number of Fond du Lac County residents living at healthy weight for their height through eating healthier and being more active.

Measures of success by 2021:

- The number of adults who report to eat the recommended five servings of fruits and vegetables per day will increase to 37% (adult) from 32% (2017), 22% (youth) from 17% (2017).
- The number of adults who report to meet the recommended amount of physical activity and strength training per week will increase to 29% from 24% (2017).
- The number of youth who report to meet the recommended amount of 60 minutes of physical activity daily will increase to 26% from 21% (2017).
- The number of WIC moms who report to initiate breastfeeding their infants will increase to 81% from 74% (2017).
- The number of adults who report to have a BMI equal to or greater than 30 (obese) will decrease to 34% from 37% (2017); and youth who report a BMI equal to or greater than 25 (overweight/ obese) will decrease to 24% from 27% (2017).



Alcohol and Other Drug Abuse

Goal: Decrease underage drinking, adult binge drinking, and the misuse and abuse of drugs, particularly opioids.

Measures of success by 2021:

- The number of youth who report the community is actively discouraging alcohol use by youth in ways products are advertised, promoted or sold will increase to 49% from 47% (2017).
- The number of youth who report they bought or drank alcohol at a Fond du Lac County community event will decrease to 4% from 6% (2017).
- The number of youth who report they drank alcohol in the past 30 days will decrease to 17% from 21% (2017).
- The number of youth who report relative ease in obtaining prescription medication for non-medical use will decrease to 28% from 33% (2017).
- The number of adults who report binge drinking in the past 30 days will decrease to 35% (adults) from 38% (2017), 8% (youth) from 11% (2017).
- The number of opioid-related overdose deaths will decrease to 5 from 7 (2017).



COMMUNITY HEALTH IMPROVEMENT PLAN

Community Health Priorities

Mental Health

Goals: Reduce stigma around mental health and suicide, increase access to behavioral health services across the lifespan, and for those in high-risk groups, and decrease the number of deaths by suicide.

Measures of success by 2021:

- The number of adults who report they "considered suicide" will decrease to 4%(adult) from 5% (2017), 12% (youth) from 12% (2017).
- The number of adults who agree that, "people are caring and sympathetic towards persons with mental illness" will increase to 65% from 59% (2017).
- The number of adults who report that they or someone in their household, "did not get the mental health care needed" will decrease to 8% from 9% (2017).
- The average number of suicides from 2018-2021 will decrease to 9 from 19 (2015-2017).



COMMUNITY HEALTH IMPROVEMENT PLAN

Overarching Health Priorities

Social Determinants of Health

Goals: Increase awareness of the influence social determinants have in shaping health outcomes. Improve health considerations in decision-making.

The social determinants of health are the conditions in which people are born, grow, live, work and age. Research shows that individual health behaviors and access to clinical care only make up about half of what predicts health. Social, economic, and physical environments (often referred to as the social determinants of health) make up the other half of what predicts health outcomes.

Examples of social determinants include:

- availability of community-based resources to meet daily needs (e.g. access to healthy foods, safe housing)
- transportation options
- education, language, and literacy
- access to health care
- social cohesion and social support
- socioeconomic conditions
- neighborhood and community infrastructure.



Trauma-Informed Care

Goals: Increase community commitment for trauma-informed care services. Increase educational opportunities on trauma-informed care in Fond du Lac County. Implement a trauma-informed care assessment among a variety of community organizations.

Trauma-informed care is a strengths-based service delivery approach that is grounded in an understanding of and responsiveness to the impact of trauma, that emphasizes physical, psychological, and emotional safety for both providers and survivors, and that creates opportunities for survivors to rebuild a sense of control and empowerment. (SAMSHA, 2014)

Many individuals experience trauma in their lifetime. The term Adverse Childhood Experiences (ACEs) is used to describe traumatic, negative life experiences which occur before age 18 and have potential to impact healthy child development. ACEs can have long-term damaging consequences, and are connected to behaviors that can lead to poor health. Examples of ACEs include abuse, neglect and being exposed to violence, substance abuse, or mental illness in the home. (WI DHS, 2017)



STRATEGIC PLAN 2019-2024

In 2018, a core strategic planning team led the 2019-2024 FCHD strategic planning process in consultation with facilitator Janet Kazmierczak of WI Department of Health Services North East Regional Office. The strategic planning process included participation from a strategic planning committee, all staff, Board of Health representatives, and input from key external stakeholders. The strategic plan resulted in an updated mission, vision, newly adopted values, and the goals and strategies listed below.

Goal 1: Provide Quality Public Health Services

Strategy 1.1 : Achieve National Public Health Accreditation

With national accreditation available to local health departments, it is important to achieve this designation to demonstrate agency expertise to the public, to attract future grants, and to secure and retain quality staff. Public health accreditation is voluntary.

Strategy 1.2 : Develop and Maintain a Communications Plan

A communications plan is an overall framework for managing internal and external communications within Fond du Lac County Health Department. This plan assures effective communications with staff, stakeholders, and the community while supporting the values of the Fond du Lac County Health Department.

Strategy 1.3 : Develop and Maintain a Trained, Competent Workforce

Competencies are a set of knowledge, skills, and attitudes necessary for the broad practice of public health. Investing in the workforce competency and capacity development will assure that the Fond du Lac County Health Department is able to provide effective and efficient public health services.

Goal 2: Improve Health Outcomes

Strategy 2.1 : Build and Strengthen Partnerships

By expanding and strengthening partnerships, we are able to work collectively on a shared agenda with mutually reinforcing activities, create a larger impact on health factors, and improve health outcomes.



The Strategic Planning Committee smiles for a photo after completing a planning session in July 2018.

PUBLIC HEALTH SERVICES

Public Health Nursing Visits

Public health nursing visits are made to families and individuals with chronic illnesses such as diabetes, heart disease and cancer. Referrals are accepted from healthcare providers, support agencies, families and individuals. During the visits, residents receive health teaching, health supervision of medical conditions and referrals to other community support services. A nurse is contracted and provides scheduled nursing visits to residents at several public housing units: Rosalind, Westnor, Grand Court and Heather Meadows.

FCHD also partnered with the Aging and Disability Resource Center (ADRC) and the Fond du Lac Fire & Rescue (EMS), accepting referrals on residents who had contact with Emergency Medical service. Many of those referrals involved home safety assessments after an EMS call because of a fall or lift assist.

Walk-In and Home Nurse Visit Stats	2016	2017	2018
Health Checks	29	28	24
TB Skin Tests	546	422	381
Blood Pressure Screenings	116	122	141
Elderly Home Visits	2,136	2,110	2,305

Public Health School Nursing

The health, well-being, and safety of children in schools are priorities for the Fond du Lac County public health nurses. Healthy children are successful learners. Fond du Lac County has 17,302 students in public and parochial schools.

Public health staff regularly visit county parochial schools and provide yearly vision and hearing screenings, and serve as a resource for questions about communicable diseases, community resources, and other health-related topics. Additional contracted school health nursing services are provided in Oakfield and Rosendale/Brandon public schools. In these schools, a public health nurse ensures that students with significant medical issues have an individualized health plan that school staff can use to provide a safe learning environment.

	2016	2017	2018
School Nursing Visits	307	292	517

Loan Closet

Supportive durable medical equipment, such as walkers, wheelchairs, commodes, and bath benches, is recommended for many individuals' safety and provided on a temporary basis at no cost.

200

Fond du Lac County residents were loaned medical equipment this year!

PUBLIC HEALTH SERVICES

Immunizations for Children & Adults

Goal: To provide county residents with information needed about the recommended vaccines for their age group and personal risk factors.

Immunizations are one of the most important public health victories – defeating or sharply reducing diseases such as smallpox, polio, measles, diphtheria, rubella, pertussis (whooping cough) and others. However, many organisms that cause these diseases have not been eradicated, and they can reemerge if vaccination levels drop.

	2016	2017	2018
Children 0-18			
Immunizations	3,592	3,808	3,724
Clients	3,290	3,526	3,477
Adults 19 +			
Immunizations	2,851	2,699	2,402
Clients	2,726	2,630	2,287
Total			
Immunizations	6,443	6,507	6,126
Clients	6,016	6,156	5,764

*Nasal influenza mist taken off the market starting in 2016. Only injectable influenza was available.

*Numbers obtained from vaccine usage reports generated in the WIR.

2018 Immunization Accomplishments

74%

of Fond du Lac County two
year olds received all
recommended immunizations

**3,477 children &
2,287 adults**

received immunizations
from FCHD

3,211

doses of influenza vaccine
were provided through school-
based clinics in fall 2018

There is a growing national trend of parents choosing not to have their children vaccinated. We continue to monitor our childhood immunization rates carefully. We work closely with our area health providers and schools to improve rates of immunization. In 2018, we added a reminder recall strategy for children ages 7-16 months old, to provide earlier identification of children who are not meeting age appropriate guidelines for vaccines. School-based clinics have been an effective strategy. We are grateful to area schools for working with us to provide these needed vaccines.

FCHD has also been consistently participating in regional immunization coalition activities through NEWIC (Northeast Wisconsin Immunization Coalition), which focuses on advocacy, provider education, and population based approaches. The Public Health Nurse Supervisor was elected to the NEWIC Board in December 2018.

PUBLIC HEALTH SERVICES

HIV Testing & Partner Services

FCHD is a designated HIV (Human Immunodeficiency Virus) counseling, testing, and referral site (CTR). Free HIV test kits are provided by the WI Division of Public Health AIDS program. FCHD offers rapid tests, results in 20 minutes, for individuals at risk for HIV. Positive tests are referred to HIV medical services known as AIDS Resource Centers in Wisconsin (ARCW) for case management and risk reduction intervention.

33

HIV tests were completed in 2018; none were positive.

FCHD also provides HIV partner services (PS) with referrals from the Wisconsin HIV Partner Services Program. This is a comprehensive public health strategy for reducing the spread of HIV.

FDL County contracts as a lead agency and is reimbursed by case initiation and hourly rates for a multi-jurisdiction area covering Fond du Lac, Green Lake, and Calumet counties. Referrals are received on newly infected persons with HIV and on HIV clients who have recently moved into WI, to assist with medical resources, notification, and testing of sexual and needle sharing partners. In 2018, 4 partner services cases were evaluated by department staff, all from FDL County. Some of the cases had recently moved to FDL County; no links between the cases were identified.

Communicable Disease Control & Prevention

Wisconsin state law requires the reporting of communicable diseases to local public health agencies by healthcare providers, hospitals, and labs. FCHD has continued enhanced surveillance for Hepatitis C and HIV through outreach to high risk individuals.

Latent Tuberculosis Infection (LTBI) cases became reportable in July 2017. Communicable disease staff also did presentations on effects of Lyme's disease in our community, and distributed 200 tick kits to area camps. This project was funded by additional grants from the Bureau of Communicable Disease.

200

tick kits were distributed to area camps in 2018.

Diseases	2016	2017	2018
Sexually Transmitted Infections (STI)			
Chlamydia	330	316	322
Gonorrhea	104	63	56
Food/Water Borne Illness			
Campylobacter	21	32	35
Cryptosporidium	15	5	6
E. Coli	10	1	6
Giardia	6	11	8
Salmonella	22	24	18
Vaccine Preventable (except Hep C)			
Pertussis	9	5	0
Hepatitis A	0	0	0
Hepatitis B	2	2	0
Hepatitis C	40	34	34
Tuberculosis (TB)			
Latent Disease	6	14	15
Active Disease	1	0	4

PUBLIC HEALTH SERVICES

Childhood Lead Testing

Goal: Prevent childhood lead poisoning by reducing and eliminating environmental lead exposure.

Lead based paint and varnish still exist in many Fond du Lac County homes built before 1978. There is no safe level of lead in the human body. Even very low levels of lead exposure can cause permanent brain damage and negatively affect health throughout the child's life, especially those between 12 months and 6 years of age.

Children are screened using a capillary sample (fingerstick). If there is an elevated result, a venous blood sample is used to confirm the result. A public health nurse monitors children who have had a high capillary sample, to ensure that a confirmatory venous sample (blood draw) is taken within 3 months.

Wisconsin recommends that when a child's blood lead level is 5 mcg/dL or greater:

- (1) the child's test be confirmed by a venous test within 1 to 3 months,
- (2) the child's doctors give education to parents and monitor the child's blood lead level,
- (3) the public health nurse provides early intervention services to the family. Public Health home visits are offered if children have a confirmed blood level of 10mcg/dl or greater. Code Enforcement conducts a home inspection for environmental sources of lead exposure if children have levels greater than 15mcg/dL.

	2016	2017	2018
Children screened by Health Department	388	345	289
Children screened by Private Providers	1,165	1,006	1,021
Total blood tests completed	1,553	1,351	1310
Initial Capillary screening ≥ 5 mcg/dL or higher	62	64	45
Confirmed Venous results 5 – 9 mcg/dL	14	15	9
Confirmed Venous results 10 – 14 mcg/dL	7	14	4
Confirmed Venous results 15 mcg/dL or higher	1	5	5
Nurse home visit for education	8	14	9
Code Enforcement Investigation Inspections	1	5	4



PUBLIC HEALTH SERVICES

Community Outreach

Public health staff are actively involved in multiple initiatives with other community agencies.

Community Narcan Trainings

In 2018, FCHD partnered with the AIDS Resource Center of Wisconsin (ARCW) and Drug Free Communities of Fond du Lac County to provide three Narcan trainings to the community for free. Narcan is a medication that can reverse an opioid overdose if administered in a timely manner.

92 Narcan kits distributed.
86 community members trained on how to administer Narcan.

Diabetes

The CHA identifies several factors and behaviors that contribute to risk for diabetes, including elevated BMI, physical inactivity, and low intake of fruits and vegetables. A public health nurse is a trained facilitator for “Healthy Living with Diabetes Workshops”, an evidence-based, 6-week workshop for adults who have diabetes, prediabetes, or live with someone who does. The program focuses on diabetes self-management, addressing food choices, physical activity, and engagement in medical management.

Working together with community partners, Aging &

Disability Resource Center (ADRC), Agnesian HealthCare, and the YMCA, workshops have been offered to the community. Future program goals include recruiting additional facilitators, so sessions can be offered more frequently, and expanding to outlying areas of the county.

3 Healthy Living with Diabetes Workshops facilitated.
40 individuals attended.

Mobile Integrated Health/Population Health

The Health Department has been participating in a pilot program between Agnesian HealthCare and City of Fond du Lac EMS, designed to: keep people safe in their homes while reducing non-urgent calls to 911, and reducing frequency of hospitalizations and transfers to the emergency room. Unfortunately, many clients do not agree to the referrals, and remain at high risk for additional falls. FCHD's role has been to provide information re: available community resources to EMS staff, upon request, conduct public health home visits to interested citizens, and increase awareness of services FCHD provides (nursing care at senior housing, loan closet, and fall risk assessments).

We have also been meeting bimonthly with Population Health staff from the Agnesian HealthCare, and are implementing programming at a senior housing complex, addressing a wide range of health topics, launched in November 2018.



FCHD staff promote sun safety and distribute sunscreen at Walleye Weekend.

Melanoma Prevention

According to the 2017 Fond du lac County Environmental Health profile by the WI Environmental Public Health Tracking Program (EPHT), Fond du Lac County has the 5th highest melanoma skin cancer rate in WI and the rate has increased over time. FCHD put data into action and addressed this trend by designing and implementing an outreach campaign that targeted child care centers, outdoor work sites, tanning salons, and community events. Through this multi-faceted approach and with the support of EPHT grant funds, FCHD staff were able to work with a total of 32 agencies and 10 event sponsors to increase awareness of sun safety behaviors, share local melanoma data, and discuss sun safety policy options. During the course of this project, staff disseminated messaging and sun safety materials to over 6,300 people.

Jail Health

Fond du Lac County Health Department provides nursing staff to the jail. We provide nursing care 8 hours a day, 7 days a week (7a – 3p). The FDL County Jail contracts with Advanced Correctional Healthcare (ACH) for physician and mental health services. ACH provides physician on-call coverage for the jail 24 hours a day, 7 days a week. The physician visits the jail weekly for medical visits with patients. ACH provides mental health services 40 hours a week (M-F).

Daily Average Inmate Population

2018	273
2017	271
2016	300

Accomplishments

CorrectTek Implemented

CorrecTek, an electronic medical record, was implemented for its' first full year in 2018 with huge success. All records and medication administration is now electronic!

Release Advance Planning (RAP) Program Implemented

The RAP program was implemented in October 2018 with 16 hours a week allocated. This program assists inmates in transitioning back into the community upon release.

EMERGENCY PREPAREDNESS

Goal: Fond du Lac County is prepared to respond to all emergencies with a detailed plan of action and a system of communication with community responders. This response includes detecting disease outbreaks; investigating to determine what the risks are to the public and who may have been exposed; informing the public and professionals of the specific disease threats and how to protect themselves and others; managing infected persons; isolating or quarantining affected individuals as appropriate; providing medications or vaccinations to people at risk in the population.

Activities

- Regularly (bi-annual) convene Administrative Panel on Pandemic planning to discuss plans and actions that would take place during a public health emergency.
- Conduct annual fit testing and training for staff who are asked to respond to areas with a potential of being exposed to an infectious agent have appropriate guidance and personal protective equipment.
- 2018 full scale exercise involved collaboration with 55 area schools to provide school aged children with the influenza vaccine (mass clinic exercise); participated in St. Agnes Hospital/SSM Healthcare full scale exercise.
- Conduct regular communication drills to staff and partners to test response times and update contact information.
- Continue to work with public and private partners to assess and address gaps in emergency planning and disaster recovery; work closely with newly formed Fond du Lac Area Community Organizations Active in Disaster (COAD).
- Collaborated with partners to close gaps in the CDC Preparedness Capabilities specifically Capability 1: Community Preparedness, Capability 2: Community Recovery, Capability 4: Emergency Public Information and Warning, and Capability 6: Information Sharing.
- Continued collaboration and exercise with Southeast WI Healthcare Emergency Readiness Coalition, Inc. (HERC Region 7), HERC Region 7 Public Health Caucus, and other local public health partners.
- Continually inform residents and staff on the Importance of being prepared and how to prepare for disasters with regular posts on Facebook, presentations to nursing students and health department staff.



PREPARE NOW **LEARN HOW**

Annual Updates

Every year the department requests input from collaborating agencies and updates all emergency plans that we serve as the lead agency for. Our quarterly All-Staff Meetings kept Health Department staff updated and informed on each plan.

Plans reviewed annually include:

- . Public Health Emergency Plan (PHEP)
- . Strategic National Stockpile (SNS)/Mass Clinic Plan
- . Pandemic Plan
- . Extreme Temperature Response Plan
- . Family Assistance/Information Plan
- . Mass Care and Sheltering Plan
- . FCHD Continuity of Operations Plan

Program Funding:

- . 100% funded by the Public Health Emergency Plan (PHEP) Cooperative Agreement Grant.
- . Funding for the budget period July 1, 2017 – June 30, 2018 was \$75,501.
- . Funding for the budget period July 1, 2018 – June 30, 2019 is \$89,426

SAVE A SMILE DENTAL PROGRAM

Goal: Through innovative community-driven partnerships and collaborations, increase dental care access and improve the oral health of our community.



There has not been a dental provider in Fond du Lac County accepting new patients with Medical Assistance (MA) for more than a decade. After identifying this major gap in access to dental care, Fond du Lac County began to prioritize the oral health concerns of its residents.

Save a Smile Dental Program (SAS) is a one-of-a-kind model created and implemented in 2007 for Fond du Lac County children with MA insurance. SAS provides access to ongoing preventive and restorative dental care to patients 18 years and younger. The expert dental treatment is provided by 40 contracted local dentists in their private offices. There is a contact wait list of non-urgent patient seeking dental care. Enrollment is limited by program funds.

The success of the SAS Children’s Program allowed for the creation of the Adult SAS dental program in 2010, enabling SAS to begin providing dental treatment to eligible adults with urgent dental needs.

CHILDREN	2008	2010	2016	2017	2018
Children enrolled	484	1025	904	1000	835
Office visits	764	1695	1609	1783	1241

ADULTS	2008	2010	2016	2017	2018
Adults referred	n/a	62	330	262	340
Office visits	n/a	74	474	375	274

Fact: 1 in 3 Wisconsin children are living with untreated dental decay, the most preventable chronic disease in the United States.

SAVE A SMILE DENTAL PROGRAM

Additional Dental Programs

SAS Fluoride Varnish Program

Children receive oral health assessments, education and a topical fluoride varnish application by a SAS Registered Dental Hygienist.

466 students
Head Start
(3 times /school year)

273 students
Campbellsport and Eden School District
(2 times / school year)

314 students
Ripon Elementary schools
(2 times / school year)

77 children
FDL Health Department

SAS Fluoride Mouth Rinse Program

1,607 children participated in rural FDL County schools, including Brandon Elementary, Campbellsport Elementary, Holyland Catholic School, Eden Elementary, Rosendale Primary, Rosendale Intermediate, Shepard of the Hills participate in a weekly program that includes a weekly fluoridated mouth swish. This program is offered in communities that do not have the benefit of community fluoridated water.

National Give Kids a Smile Annual Event

This event, coordinated for local dental offices by SAS staff, is an additional opportunity for increasing access to dental care.

Generous Save A Smile Funding Partners

Generous Save A Smile Funding Partners
Fond du Lac County
Medical Assistance
SSM/Agnesian Healthcare Foundation
Fond du Lac Area United Way
City of FDL – Redevelopment Authority
Local Dental Providers
Local donations



MATERNAL CHILD HEALTH (MCH)

Goal: Improve birth outcomes and strengthen at risk families.

Strategies and activities:

- Offer and provide home visits through Prenatal Care Coordination (PNCC), a Medicaid benefit that assists eligible pregnant women to gain access to medical, social and education services.
- Offer and provide home visits to women and infants in the postpartum period, providing education and community resources.
- Provide breastfeeding support.
- Offer and provide home visits to first time parents of children under age 3 through targeted case management, a Medicaid benefit that strengthens families and enhances child and family development through the use of the evidenced based Parents as Teachers curriculum.
- Collaborate with community partners and coalitions which support the health of and strengthening of young families.
- Participate in MCH grant objectives that address Title V National Performance measures, specifically in the areas of Tobacco and Breast Feeding.

Highlights:

53 breastfeeding moms received counseling from one of our Certified Lactation Counselors (CLC).

2 childcare centers were re-certified as breastfeeding friendly. Work is almost complete to ensure all county buildings are breastfeeding friendly.

MCH nurse participated in a weekly teen group (Parent Life), reaching 10-20 pregnant or parenting teens each week.

11 families were enrolled and participated in a parenting benefit.

57 targeted case management visits were completed.

728 referrals received

536 one-on-one visits

54 visits to families postpartum

52 visits included an infant assessment and teaching

8 visits for pack & play distribution and save sleep teaching

3 visits to pregnant women in FDL County Jail

51 pregnancy tests completed. Fax to Quit and First Breath were incorporated into the pregnancy test process.

First Breath (smoking cessation program for pregnant women) was offered to all pregnant women who smoke. MCH and (Save a Smile, WIC, Bethany Christian Adoption Services) became First Breath providers.

Child Death Review (CDR) team, coordinated by MCH, met quarterly to review child deaths, identify risk factors and make preventative recommendations.

8 childcare centers are utilizing ASQ-3 (Ages & Stages Questionnaire) developmental screening tool in their 2 year old classroom. An MCH nurse led this SPROUT coalition work-group.

31 ASQ-3 screens were completed by parents being served through the parenting benefit or WIC.

WOMEN, INFANTS, & CHILDREN

WIC is a Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), providing nutrition, education, nutritious foods, breast feeding support and community referrals for income eligible families.



Goal: Improve the nutritional status of low-income pregnant women and children under the age of 5 to foster healthy families.

Accomplishments

- Served 2,590 individuals, averaging a caseload of 1,518 active participants per month.
- WIC vouchers totaling \$962,197.84 were cashed at 14 Fond du Lac County grocery stores and pharmacies.
- \$9,636 was spent at farmers markets and farm stands.
- 125 pregnant high risk women were referred to the Prenatal Care Coordination Program (PNCC).
- 249 children were tested for lead poisoning.

In 2018, the Fond du Lac County WIC program was monitored by the State WIC Office. Our project was highly praised for going above and beyond in our breastfeeding and program assessment efforts.

2018 Efforts to help WIC retention:

- An online application, available in both English and Spanish, continues to be available; 80 families used this method to apply in 2018.
- The WIC program placed 3 targeted Facebook Ads which reached a total of 20,450 people with 69,348 impressions in Fond du Lac County.
- Held information booths at the local Farmer's Markets.
- Continued to attend outreach events such as the Back to School Day.
- Attended community meetings and breastfeeding coalition meetings in representation of WIC.
- Fostered knowledge about WIC amongst future providers: UWGB Dietetic Interns and local nursing students.
- Hosted our First Annual Breastfeeding Celebration.
- Applied for Infrastructure Grant funding and received \$102,000 to renovate the Fond du Lac County WIC office to improve confidentiality, increase customer satisfaction and enhance security.
- Collaborated with Creative Marketing Services to increase media presence and increase caseload.
- Conducted a Quality Improvement project to improve WIC caseload and began targeted provider/community outreach efforts.

WOMEN, INFANTS, & CHILDREN

Breastfeeding & Peer Counseling

Goal: All women both pregnant and breastfeeding will receive breastfeeding education and support to achieve their breastfeeding goals.

The WIC Program continues to work diligently to promote and support breastfeeding. Annually WIC Certified Lactation Counselors attend the Wisconsin Association of Lactation Consultants conference in Oshkosh, WI. WIC staff also learned more about breastfeeding at the Biannual State WIC Conference.

World Breastfeeding week was August 1st through the 7th. The Fond du Lac County WIC office hosted its 1st Annual Breastfeeding Celebration at Lakeside Park; 84 people were in attendance.

Marisela Krupp continues to serve as our breastfeeding peer counselor. She is bilingual and provides mom-to-mom support prenatally and during their entire breastfeeding experience. She is available in office 4 days a week. Moms can also call/text her or request home/hospital visits. Marisela also helps to teach breastfeeding group which is offered prenatally for moms to learn more about breastfeeding.

WIC Breastfeeding Coordinator applied for and received a \$500 grant through Wisconsin Association of Lactation Counselors (WALC). This grant will help to make Fond du Lac County a Breastfeeding Friendly Workplace.

Accomplishments

- 74% of mothers on WIC initiated breastfeeding; above the state average of 73%
- 40% of WIC infants are exclusively breastfed at 3 months of age; increased 5% from 2017 and above the state average of 27%
- 43% of infants were breastfed until at least 6 months of age; increased 2% from 2017 and above the state average of 35%

Fit Families Program



Goal: Fit Families Supplemental Nutrition Assistance Program-Education (SNAP-Ed) is a successful behavior change program targeting primarily families of 2-4-year-old children enrolled in WIC at Fit Families projects in Wisconsin.

Fit Families strives to help prevent childhood overweight/obesity and is collaborating with other SNAP-Ed projects and partners on this effort.

Messages

Fit Families employs three core messages and one overarching message to combat overweight and obesity.

Core messages:

- Move More...Watch Less.
- Make Every Bite Count...More Fruits & Vegetables.
- Make Every Sip Count...Healthier Beverages.

Overarching message:

Eat Healthy, Be Active: Your Kids Are Watching.

Components

Fit Families engages three components to build a strong environment for families:

Family Component

- 55 families completed the 12-month program (44 Non-Hispanic & 11 Hispanic participants)

Organization Component

- Fit Families wellness policy remains in place for Fond du Lac WIC Staff.
- 100% staff completion for walking challenge.

Community Partnerships Component

- 1 new partnership was formed in 2018
 - Aramark
- 2017 partnerships continued into 2018:
 - Fond du Lac Recreation Department
 - Downtown Fond du Lac Partnership.

ENVIRONMENTAL HEALTH

Human Health Hazards

FCHD and Code Enforcement continue to collaborate in areas of Human Health Hazards. Code Enforcement staff in response to complaints or other reported observations conduct investigations. If a human health hazard are found the Health Department, Code Enforcement and Corporation Counsel work with the owner to ensure safe removal (abatement) of the hazard.

Of **10** human health hazard inspections (initial and follow up), **5** order letters were sent for compliance.

27 mold inspections completed due to complaints. Not all inspections revealed evidence of mold.

4 new lead risk assessments were completed. There are **8** cases ongoing from previous years. The lead risk assessments are required because of elevated blood lead levels > 15mg/dl.

Water Quality

Private Well Water Sampling

Homeowners and renters are encouraged to have their private well water checked annually for the presence of bacteria and nitrates. Safe, clean water is one of the most important components in our lives. Municipal water systems are tested regularly to ensure safe water is provided, but it is up to individuals who drink from private wells to test their well water. A State Certified Safe Drinking Water Lab maintained by Health Department staff offers the opportunity for bacteria and nitrate analysis.

2018 Health Department Lab

- Received 297 private well water samples for bacteria analysis.
- 49 samples (16%) resulted in “Unsafe” analysis meaning coliform bacteria were present
- 6 samples (2%) resulted in “Unsafe” analysis meaning E.coli bacteria were present
- 153 samples were analyzed for nitrate.
- 7 samples (4%) had elevated nitrate levels of greater than 10 ppm.

DNR Well Water Program

The Health Department continues to collaborate with the DNR completing the work for the Transient Non-Community well program. There were a 148 water systems sampled for bacteria and nitrates. These are wells which provide water to 25 or more people for at least 60 days/year and would include wells at restaurants, taverns, campgrounds, county parks and churches. During the year, two Level 2 Assessments were triggered for ongoing unsafe water issues at a system and 3 additional unsafe bacterial samples were identified in other systems. All systems were safe by the end of the year.

Beach Water Monitoring

Wolf Lake Beach was monitored for safe swimming during the summer of 2018 for 13 weeks with no advisories or closures required. Weather, including precipitation, wind and temperature affect beach water quality. Animal and human activities also have an impact on safe swimming.

ENVIRONMENTAL HEALTH

Inspection Program

As an agent for the Wisconsin Department of Agriculture and Department of Safety and Professional Services and the Department of Safety and Professional Services, the Inspection Department is required to inspect, enforce and license the following facilities:

- Food (Restaurants & Retail Food Stores)
- DPI School Lunch Programs
- Taverns
- Lodging (Hotels, Motels, Tourist Rooming Houses, and Bed & Breakfasts)
- Campgrounds
- Public Swimming Facilities
- Tattoo and Body Piercing
- Recreational Education Campgrounds
- Temporary (Food & Camping)

	2015-16	2016-17	2017-18
Number of Licensed Establishments	596	602	594
Number of Inspections			
Temporary Food Stand	35	28	86
DPI School Lunch Programs	42	42	44
Tattoo/Body Piercing	8	7	8
Routine Inspections	574	598	423
Pre-inspections	68	53	50
Re-inspections	5	15	26
Complaints	15	58	52
Additional Inspections (follow ups, consultations and/or other types of inspections)	153	244	258

East Central Radon Information Center

FCHD serves as a Radon Information Center (RIC) for Winnebago, Outagamie, Sheboygan, and Fond du Lac County residents. Homeowners and renters are encouraged to test their homes for radon, an odorless, tasteless, invisible gas produced by the decay of naturally occurring uranium in soil and water. Radon can cause cancer and the Environmental Protection Agency (EPA) estimates 20,000 lung cancer deaths each year in the U.S. are radon-related. Exposure to radon is the second leading cause of lung cancer after smoking.

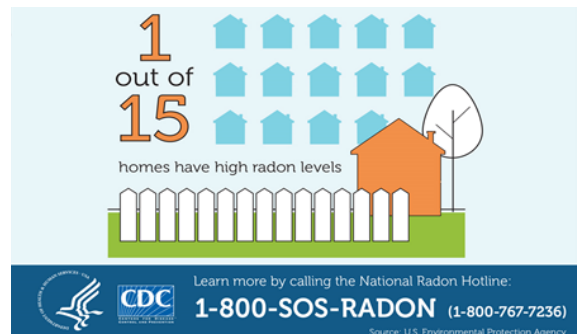
Testing a home for radon is the only way to know if the home has an elevated level of radon.

Activities:

- Display at the Home Show
- Presentation at the Home Show in March
- Provided newsletter material to several outlets
- Local municipal offices provided short-term kits to county residents
- Short-term and long-term radon test kits are available at the FCHD
- Information provided via brochures, emails, and phone calls to many homeowners, renters, home buyers/sellers, realtors, and builders
- Radio segment with Health Officer
- Press release for Radon Action Month in January
- Annual meeting with RIC Partners was held
- Two staff attended the State Radon Conference.

Statistics for Fond du Lac County:

- **160** short term kits sold
- **15** long term test kits sold
- **53** test kits with elevated levels ($> 4\text{pCi/L}$)
- **92** phone calls answered about radon
- **19** e-mails responded to regarding radon



TOBACCO PREVENTION

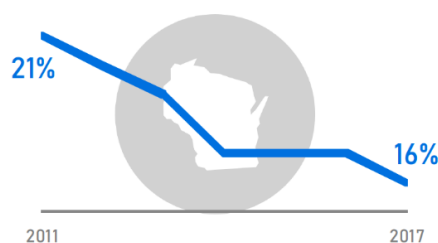
Five Counties for Tobacco-Free Living Tobacco Prevention and Control

Fond du Lac, Green Lake, Marquette, Washington, and Waushara

Mission: Creating nicotine and tobacco-free environments in which we live, learn, work, and play while promoting healthy lifestyles through education, advocacy, policy, and helping people quit tobacco.

Adult Tobacco & Nicotine Use

Smoking is going down in WI



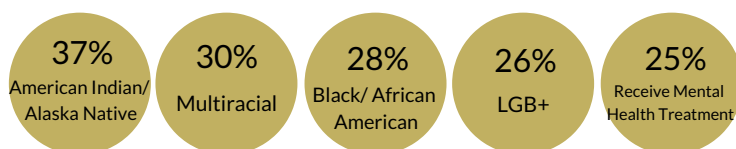
Dual use is common.

3 in 5 current smokers have tried an e-cigarette.



46% of e-cigarette users smoke cigarettes.

Although the adult smoking rate in Wisconsin is at an all-time low of 16%, many at risk populations still have a high smoking rates.



Source: WI Behavioral Risk Factor Surveillance System (2017)

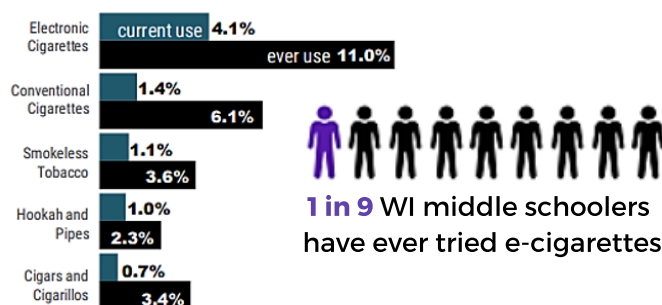
Outreach and Resources to address adult use:

- Organized a Help Others Quit Workshop.
- Assisted multiunit housing with smoke-free policies.
- Created Tobacco Quit Kits.
- Promoted WI Quit Line on Radio and in Print.
- Collaborated with Agnesain Cancer Center, Filip Troicki, MD Radiation Oncologist.
- Collaborated with Fond du Lac Area Businesses on Health to promote quit resources.
- Provided business with tobacco-free grounds policy.

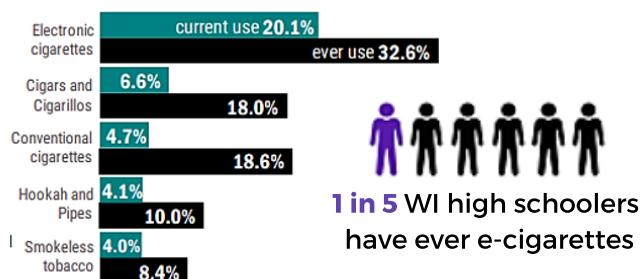
Youth Tobacco & Nicotine Use



Middle School - Youth Tobacco Survey 2018



High School - Youth Tobacco Survey 2018



Outreach and Resources to address youth use:

- Promoted the "Tobacco is Changing" Campaign.
- Provided technical support to schools.
- Provided community education on E-Cigarettes.
- Collaborated with Community Partners to increase tobacco prevention social media posts.
- Participated in radio interviews to provide updates on new products, new concerns.
- Provided technical support to Green Lake, Marquette, Washington and Waushara Counties.

TOBACCO PREVENTION

Regulation of E-Cigarettes & Vape Shops

- No regulation by the FDA or the State to disclose ingredients.
- Vape shops are not required to have a tobacco retail license.
- No oversight of the E-devices.
- No quality control measures.
- Vape shops can continue to mix liquid nicotine until 2022.



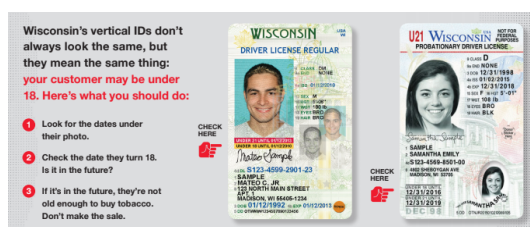
Youth Access Issues

- Devices are easily accessible for purchase online.
- A number of E-devices have been confiscated from FDL High School
- Pictured to the left are two new products gaining popularity with youth. The sleek design makes it easy for youth to conceal.

Tobacco Retailer Compliance Checks

There were **61** tobacco retailer compliance checks completed in Fond du Lac County in 2018, with **5** sales of tobacco to minors even with IDs being checked.

Total Checks	Sales		Checked ID & Sold	
61	5		5	
Sales				
Sale 1	Fond du Lac	Cigarettes	41-65 years of age	Checked ID
Sale 2	Waupun	Cigarettes	Under 20 years of age	Checked ID
Sale 3	North Fond du Lac	Cigarettes	41-65 years of age	Checked ID
Sale 4	Ripon	Cigarettes	20-40 years of age	Checked ID
Sale 5	Campbellsport	E-Juice	41-65 years of age	Checked ID



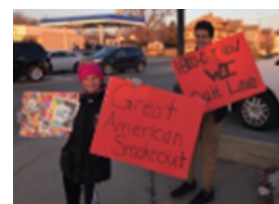
The following educational resources were distributed via mail to retailers and vape shops in FDL County:

- Information about www.WITobaccoCheck.org, which offers free online training for employees.
- Suggested smart phone app and tips to correctly read and identify a minors ID. Example shown above.

Tobacco Prevention Education

FACT: Youth Tobacco Prevention Volunteers

- FACT groups are active in three middle schools in Fond du Lac. Schools include: Sabish, Theisen, and Woodworth Middle Schools. Sixteen new FACT members were recruited in 2018.
- FACT member, Taylor Hill, chosen to serve on the FACT State Board of 15 members. This is youth's first term serving on the FACT Youth Board.
- Educated peers and community throughout the year about the new tobacco products and ingredients.
- Created and implemented activities during national campaigns: Kick Butts Day, World No Tobacco Day, and The Great American Smoke-out.
- Youth set up informational tables at the Downtown FDL Farmers Market, set up FACT information tables at local MJC presentations, and provided educational information about JUUL at local Wal-Mart.
- FACT students collaborated with 5 Counties by participating in Tobacco Retail Assessments and provided information at the fall JUUL presentation.



Fond du Lac County Asthma Coalition

Goal: Decrease the burden of asthma in Fond du Lac County.

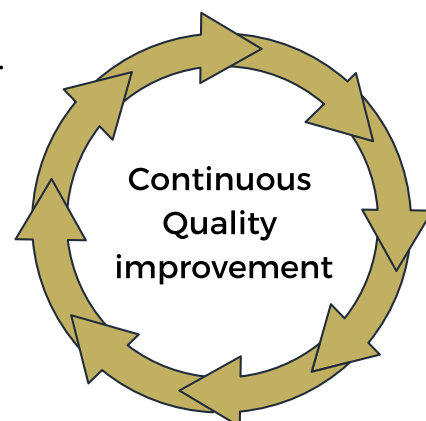
- Maintained website resources
- Collaborated with community partners to promote and share resources

QUALITY IMPROVEMENT (QI)

At FCHD we strive for a culture of continual quality improvement. The purpose of FCHD QI plan is to integrate quality improvement efforts into organizational structures, processes, programs, services, and staff training.

3 QI Projects Facilitated in 2018

- Developed a systematic process and process owner for scheduling and communicating fair and event requests
- Increase WIC caseload and target outreach (still in process)
- Increase ER adult dental referrals that receive care through Save A Smile (still in process)



WORKFORCE DEVELOPMENT (WFD)

FCHD values the dedication of its employees, and recognizes the benefits of investing in its staff and mentoring students who will become the next generation of public health workers. In 2018 all FCHD staff completed a modified version of the core competency assessment which resulted in identifying the three priorities for future staff training listed below.

WFD Priorities:

1. Literacy of populations served
2. Engagement of community members
3. Use of community input for policies, programs, and services.

Professional Development

- WI Public Health Association Annual Conference (10 attended, 1 staff presented)
- Servant Leadership by Sophia Foundation (7 attended)
- Social Determinants of Health Conference (3 attended)
- Question, Persuade, Refer (QPR) Certification Training (1 staff trained an instructor)
- And many more conferences, workshops and opportunities that keep our team growing!

3 Lunch and Learns in 2018

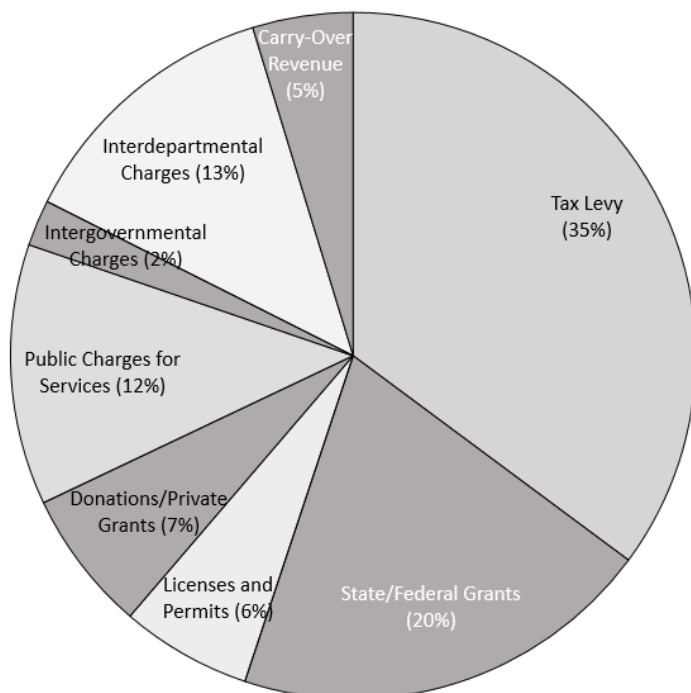
- Health Equity
- Social Determinants of Health
- Core Competencies

BUDGET SUMMARY

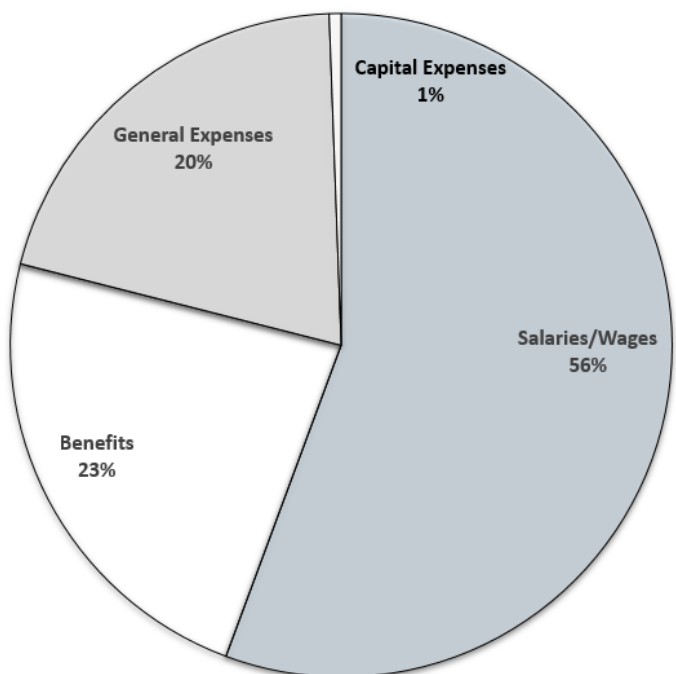
	2018 Actual	2017 Actual	2016 Actual
REVENUE			
Tax Levy	\$1,340,373	\$1,340,234	\$1,276,780
State/Federal Grants	\$761,329	\$788,588	\$717,108
Licenses and Permits	\$235,361	\$210,220	\$208,854
Donations/Private Grants	\$254,110	\$134,317	\$308,121
Public Charges for Services	\$468,374	\$614,280	\$661,284
Intergovernmental Charges	\$82,908	\$92,333	\$88,781
Interdepartmental Charges	\$489,934	\$453,702	\$406,069
Carry-Over Revenue	\$180,628	\$178,224	\$151,807
Total Revenues	\$3,813,018	\$3,811,897	\$3,818,803
EXPENDITURES			
Salaries/Wages	\$1,894,137	\$1,874,681	\$1,827,856
Benefits	\$792,700	\$757,544	\$714,087
General Expenses	\$696,455	\$969,324	\$910,027
Capital Expenses	\$19,804	\$34,510	\$10,811
Total Expenses	\$3,403,095	\$3,636,059	\$3,462,781

**Reflection of all program areas, numbers rounded to the nearest dollar.

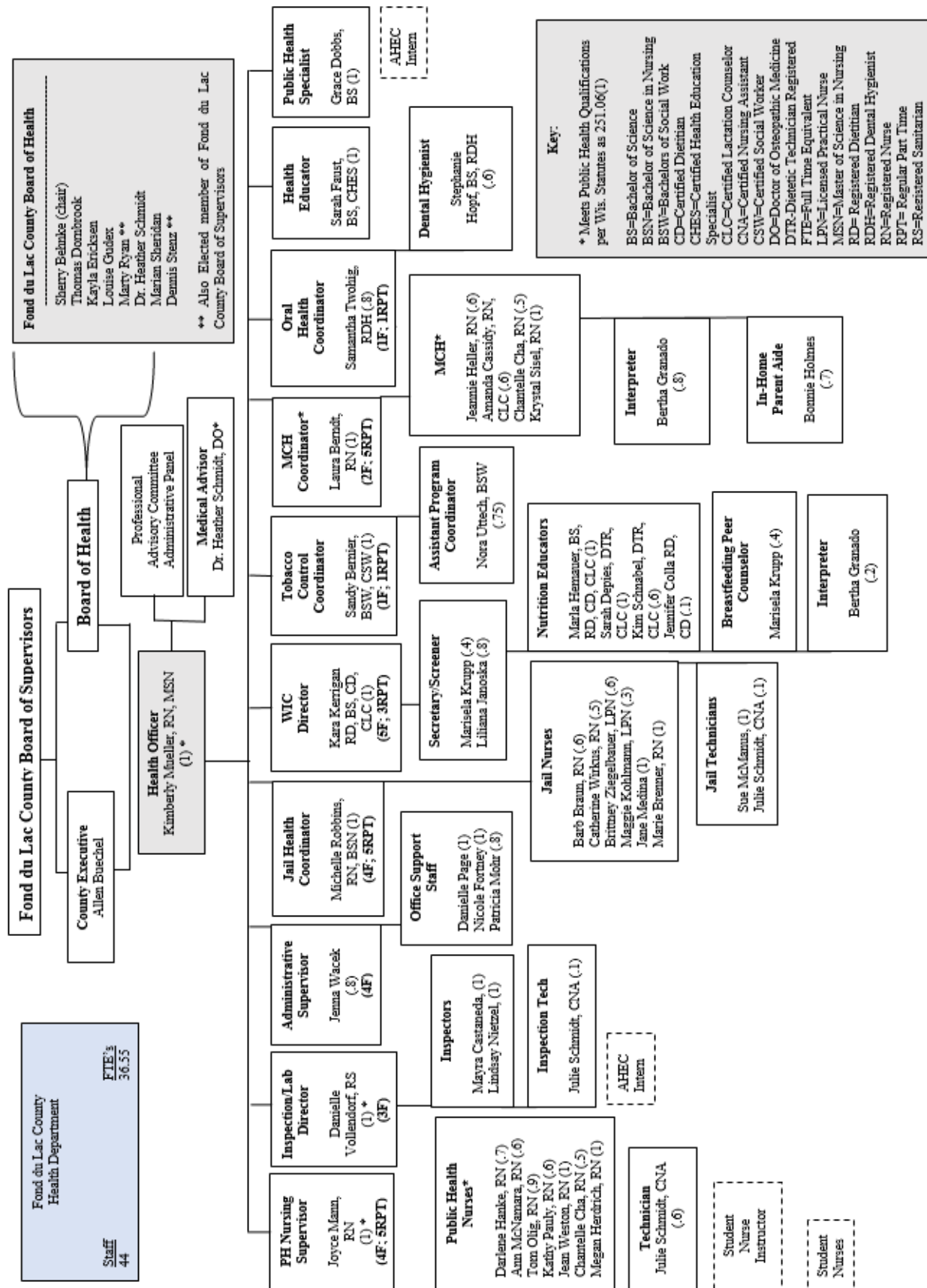
2018 ACTUAL REVENUE



2018 ACTUAL EXPENDITURES



2018 FCHD ORGANIZATIONAL CHART



Note: FCHD organizational chart as of December 31st, 2018.

2018 ANNUAL REPORT

For additional copies of this report call 920-929-3085 or visit our website at www.fdlco.wi.gov.

Information Sources: Wisconsin Department of Health Services, Public Health Profiles, Fond du Lac County Health Department

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Public Health
Prevent. Promote. Protect.

**Fond du Lac County
Health Department**

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